Certificate of Testing & Analysis

Determination of Slip Resistance of Flooring Stone

UK Slip Resistance Group Guidelines, Issue 2, June 2000

Client and Sample Details			
Client	The Ardósia Slate Company Limited, The Chase, Park Street, Lynton, Devon, EX35 6BY		
IBIS Ref. No	1113/7-9	**Sample No**	7-9
Source	Ardosia slate advised to be from Brazil		
Sample Details	400mm square samples		
Sampled by	Client	**Date Sampled**	Not advised
Tested by	PS/BEL	**Date Tested**	16.07.03

Methods of Testing and Analysis	
Method	Methods for the determination of slip resistance. Guidelines of the UK Slip Resistance Group, Issue 2, June 2000.
Comments	Six specimens were tested at a temperature of 18°C using a TRL pendulum tester and a roughness meter.
Accreditation	The test was carried out by a UKAS accredited laboratory with specific UKAS accreditation held for the test.

Results	
Four-S Slip Resistance Value, Dry	61
Four-S Slip Resistance Value, Wet	52
TRL Slip Resistance Value, Wet	40
Potential for Slip	Low (35 to 65)
Surface Roughness, R_z, μm	14.9 (Range 10.3 – 17.6)
Potential for Slip	Medium (10 to 20)

Remarks

The pendulum tester has offered a 'low' potential for slip in both wet and dry conditions. The roughness test has indicated a medium potential for slip. This classification does not take into account potential polishing in service or the application or spillage of various media that may directly affect the slip potential.

Issue Date: 17/07/2003

Barry J Hunt
Director, IBIS Limited

INDEPENDENT BUILDING INVESTIGATION SERVICES

Chartered Geologists
Chartered Surveyors

Bespoke Building Solutions

Services
expert witness
consultancy
geological appraisal
roped access
testing including NDT
quarry evaluation
condition surveys
heritage consultancy
façade investigation
fire damage
blast damage
petrography
design advice
thermography
dye testing
accident investigation
GPR (radar)
maintenance
endoscopy
X-ray diffraction
scanning electron microscopy
conservation advice
microscopy
bespoke solutions

Materials
building stone
roofing slate
concrete
external cladding
plaster
render
high alumina cement
screed
paint
internal lining
rock
aggregate
mortar
composites
brick
ceramic
terracotta
faience
dimension stone
glass
lime & hydraulic lime
pozzolana
cement
dusts

IBIS Limited
10 Clarendon Road
South Woodford
London
E18 2AW

T: 020 8518 8646
F: 020 8518 8376
M: 07985 213321
E: info@ibis4u.co.uk
W: www.ibis.uk.net

IBIS Limited
Registered in England & Wales
No. 4318527

VAT No. 791 9073 94